**Use Cases - Strings**

The Redis string data structure is the most versatile data structures that can be used across multiple use cases;

* **For serving static websites pages.** Redis.io site uses strings to serve all static page contents
* **Caching** - To store most common, frequently used data within an application or a website.
* **Counters** are excellent choice for strings e.g Daily website visitors and more.
* **Master Catalog and configuration** e.g. You can store all the application default or user based configuration settings in respective strings key e.g.  
    
  SET app:config:website www.test.com
* The Redis String type is the simplest type of value you can associate with a Redis key.
* String is not the best term for this type because it is used to hold numeric types as well.
* Internally it is held as a byte array.
* A string is a simple scalar that can hold a
  + single value or
  + it can hold an XML or
  + a JSON document as well
* A string value can't be bigger than 512 MB.

**SET, SETNX, MSET, MSETNX**

Set value, Set value if key does not exist, Set multiple values, Set multiple values if none of the keys exist

**GET, MGET, GETSET**

Get value, Get multiple values, Set value, return old value

**PSETEX, SETEX**

Set with expiry in seconds and milliseconds

**INCR, INCRBY, INCRBYFLOAT**

Increment integer, Add to integer, Add to float

**DECR, DECRBY**

Decrement integer, Subtract from integer